

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.	<b>TBA</b>	Confirmation No.: <b>TBA</b>
Applicant(s):	<b>HAAS, Thomas et al.</b>	
Filed:	<b>Concurrently Herewith</b>	
TC/A.U.	<b>TBA</b>	
Examiner:	<b>TBA</b>	
Title:	<b>Process for the Epoxidation of Olefins</b>	
Docket No.:	<b>032301.320</b>	
Customer No.:	<b>25461</b>	

**INFORMATION DISCLOSURE STATEMENT**

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. 1.56, Applicants are enclosing an Information Disclosure Statement by Applicant (Form PTO/SB/08a) and copies of the documents cited therein. The relevance of the cited documents is indicated in the specification being submitted herewith and in the pending patent applications and issued patents related to the subject application being further identified on the attached list.

It is respectfully requested that the cited documents be considered by the Examiner in the above-identified patent application and that the cited documents be made officially of record therein. It is further requested that a listing of the same appear on the face of any patent which may issue from this application.

A first Official Action has not yet issued for this application. Therefore, it is believed that no fees are due under 37 C.F.R. Section 1.97(b)(3).

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP



By: Robert G. Weilacher, Reg. No. 20,531

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**RELATED U.S. PATENT APPLICATIONS AND ISSUED U.S. PATENTS**

1. U.S. Pat. No.: 6,600,055  
Issue Date: 07/29/2003  
Applicant(s): Thomas HAAS et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.176
2. U.S. Pat. No.: 6,608,219  
Filing Date: 08/19/2003  
Applicant(s): Thomas HAAS et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.177
3. U.S. Pat. No.: 6,596,881  
Filing Date: 07/22/2003  
Applicant(s): Thomas HAAS et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.178
4. Serial No.: 10/174,549  
Filing Date: 06/18/2002  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Recovery of Combustible Components of a Gas Stream  
Atty. Dkt. No.: 032301.179
5. U.S. Pat. No.: 6,610,865  
Filing Date: 08/26/2003  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.2081
6. U.S. Pat. No.: 6,596,883  
Filing Date: 07/22/2003  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.210
7. U.S. Pat. No.: 6,617,465  
Issue Date: 09/09/2003  
Applicant(s): Georg THIELE et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.252
8. Serial No.: 10/384,217  
Filing Date: 03/07/2003  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.270

9. Serial No.: 10/428,607  
Filing Date: 05/02/2003  
Applicant(s): Thomas HAAS et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.282

10. Serial No.: 10/463,780  
Filing Date: 06/17/2003  
Applicant(s): Willi HOFEN et al.  
Title: Process of Separating 1-Methoxy-2-Propanol and 2-Methoxy-1-Propanol from Aqueous Compositions  
Atty. Dkt. No.: 032301.291

11. Serial No.: 10/203,186  
Filing Date: 10/04/2002  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.292

12. Serial No.: 10/203,184  
Filing Date: 10/04/2002  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.293

13. U.S. Pat. No.: 6,624,319  
Issue Date: 09/23/2003  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.294

14. Serial No.: 10/669,978  
Filing Date: 09/24/2003  
Applicant(s): Thomas HAAS et al.  
Title: Aqueous Hydrogen Peroxide Solutions and Method of Making Same  
Atty. Dkt. No.: 032301.309

15. Serial No.: 10/669,993  
Filing Date: 09/24/2003  
Applicant(s): Thomas HAAS et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.310

16. Serial No.: 60/428,932  
Filing Date: 11/26/2002  
Applicant(s): Willi HOFEN et al.  
Title: Process for the Purification of Crude Propene Oxide  
Atty. Dkt. No.: 032301.319

17. Serial No.: 60/428,934  
Filing Date: 11/26/2002  
Applicant(s): Thomas HAAS et al.  
Title: Process for the Epoxidation of Olefins  
Atty. Dkt. No.: 032301.320

18. Patent No.: 5,620,935  
Issue Date: 04/15/1997  
Serial No.: 08/664,010  
Filing Date: 06/14/1996  
Applicant(s): Georg THIELE  
Title: Method for the Regeneration of A Catalyst  
Atty. Dkt. No.: 032301.52195

19. Patent No.: 5,675,026  
Issue Date: 10/07/1997  
Serial No.: 08/668,451  
Filing Date: 06/21/1996  
Applicant(s): Georg THIELE  
Title: Process for the Production of Epoxides from Olefins  
Atty. Dkt. No.: N/A

20. Patent No.: 6,372,924  
Issue Date: 04/16/2002  
Serial No.: 09/663,703  
Filing Date: 09/18/2000  
Applicant(s): Georg THIELE  
Title: Process for the Preparation of Epoxides from Olefins  
Atty. Dkt. No.: N/A

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	To Be Assigned
Sheet	1	of	4	Filing Date	Concurrent Herewith
				First Named Inventor	HAAS, Thomas et al.
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
				Attorney Docket Number	032301.320

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 2,870,171	01-20-1959	GABLE	5 pages
		US- 4,410,501	10-18-1983	TARAMASSO ET AL.	8 pages
		US- 4,833,260	05-23-1989	NERI ET AL.	7 pages
		US- 4,999,179	03-12-1991	SUGIHARA ET AL.	6 pages
		US- 5,523,426	06-04-1996	JUBIN, JR. ET AL.	8 pages
		US- 5,591,875	01-07-1997	CHANG ET AL.	6 pages
		US- 5,599,955	02-04-1997	VORA ET AL.	11 pages
		US- 5,620,935	04-15-1997	THIELE	4 pages
		US- 5,675,026	10-07-1997	THIELE	7 pages
		US- 5,760,253	06-02-1998	DANNER ET AL.	9 pages
		US- 5,849,937	12-15-1998	JUBIN, JR. ET AL.	9 pages
		US- 5,849,938	12-15-1998	REUTER ET AL.	6 pages
		US- 5,912,367	06-15-1999	CHANG	6 pages
		US- 6,042,807	03-28-2000	FARAJ	6 pages
		US- 6,063,941	05-16-2000	GILBEAU	4 pages
		US- 6,372,924	04-16-2002	THIELE	6 pages
		US- 6,429,322	08-06-2002	CATINAT ET AL.	3 pages

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 100 26 363	11-29-2001	MERCK PATENT GMBH	9 pages	✓
		DE 196 23 611	12-18-1997	BASF AG	7 pages	✓
		DE 197 23 950	12-10-1998	BASF AG	15 pages	✓
		DE 197 54 185	02-04-1999	DEG ENGINEERING GMBH	7 pages	✓
		DE 198 35 907	02-17-2000	BASF AG	11 pages	✓
		DE 199 36 547	02-15-2001	BASF AG	11 pages	✓
		EP 0 100 118	02-08-1984	ANIC SPA	15 pages	
		EP 0 100 119	02-08-1984	ANIC SPA	21 pages	
		EP 0 133 510	02-27-1985	BASF AG	8 pages	✓
		EP 0 230 349	07-29-1987	INTERNATIONAL BUSINESS MACHINES CORP	58 pages	
		EP 0 230 949	08-05-1987	ENIRICERCHE SPA	18 pages	
		EP 0 425 893	05-08-1991	BASF AG	7 pages	✓
		EP 0 568 336	11-03-1993	ARCO CHEMICAL TECHNOLOGY INC	13 pages	
		EP 0 568 337	11-03-1993	ARCO CHEMICAL TECHNOLOGY LP	15 pages	

Examiner Signature	Date Considered
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of

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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 4

***Complete if Known***

Application Number	To Be Assigned
Filing Date	Concurrent Herewith
First Named Inventor	HAAS, Thomas et al.
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	032301.320

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		Application Number	To Be Assigned
		Filing Date	Concurrent Herewith
		First Named Inventor	HAAS, Thomas et al.
		Group Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Sheet	3	of	4
		Attorney Docket Number	
		032301.320	

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				Filing Date	Concurrent Herewith
				First Named Inventor	HAAS, Thomas et al.
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	4	of	4	Attorney Docket Number	
032301.320					

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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